

DERWENT-ACC-NO: 1992-197083

DERWENT-WEEK: 199224

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TITLE: Surface-cleaning lubricant for
paper-making drier -
consists of oil material(s), nonionic
surfactant(s) and
mixt. of cationic and amphoteric
surfactants, to improve
surface glossiness

PATENT-ASSIGNEE: NIPPON OILS & FATS CO LTD[NIOF] , NIPPON
YUGYOU CO
LTD[NIYUN]

PRIORITY-DATA: 1990JP-0248692 (September 20, 1990)

PATENT-FAMILY:

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JP 04130190 A		May 1, 1992	N/A
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APPLICATION-DATA:

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ABSTRACTED-PUB-NO: JP 04130190A

BASIC-ABSTRACT:

Surface-cleaning lubricant for paper-making driers consists
of (A) 50-90 pts.
wt. of an oil material(s); (B) 1-20 pts. wt. of a nonionic
surfactant(s) and

surfactants.

Available oil materials include animal and plant oils and fats , natural waxes, mineral oils from petroleum, e.g. as spindle, machine and motor oils, petroleum waxes, e.g. microcrystalline and paraffin waxes fluid paraffin, kerosene, petroleum spirit, 1,1,1-trichloroethane, 2-ethylhexanol, low mol. polybutene and low mol. polyalkylene glycol ethers.

USE/ADVANTAGE - The lubricant offers clean, smooth, durable, mirror-like surfaces and improves the drying efficiency resulting in appropriate peelability, increased surface glossiness and pleasant and soft touch. It also improves productivity to a large extent owing to improved thermal efficiency, an increased paper-making speed, reduced frequencies of polishing of the drier surface and replacement of the doctor blades of the drier, reduced loss of defective paper and prevention of occurrence of paper powder.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: SURFACE CLEAN LUBRICATE PAPER DRY CONSIST OIL
MATERIAL NONIONIC
SURFACTANT MIXTURE CATION AMPHOTERIC SURFACTANT
IMPROVE SURFACE
GLOSS

DERWENT-CLASS: F09 H07

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